



OPERATING MANUAL
FOR
VGA SWITCHER

Milestone Electronics Pvt. Ltd.

VGA SWITCHER

VGA SWITCHER by Milestone is a device that helps person/s to share computers (or laptops) with single projector or single monitor.

Models available

ML 201 VGA	2 CPUs with 1 VGA output
ML 401 VGA	4 CPUs with 1 VGA output
ML 801 VGA	8 CPUs with 1 VGA output
ML 1601 VGA	16 CPUs with 1 VGA output

Features

INSTALLATION	Easy to install - plug and play kind.
SHARING	2/4/8/16 CPUs with single projector or single monitor.
COMPATIBILITY	Fully compatible to VGA, SVGA & EVGA monitors.
SELECTION	Channel selectable from <ul style="list-style-type: none">· Individual Local keypad● Individual remote keypad (optional).● Remote contact closure.● RS232C interface.● RS422/RS485 interface (optional).
INDICATION	LED indication for working set.

SPECIFICATIONS

MODEL	201 VGA	401 VGA	801 VGA	1601 VGA
INPUT CONNECTORS	D15F × 2	D15F × 4	D15F × 8	D15F × 16
OUTPUT CONNECTORS	D15F × 1	D15F × 1	D15F × 1	D15F × 1
LED INDICATION	1 to 2 and PWR	1 to 4 and PWR	1 to 8 and PWR	1 to 16 and PWR
KEYPAD SELECTION	1 to 2	1 to 4	1 to 8	1 to 16
REMOTE KEYPAD / CONTACT CLOSURE	D9M × 1	D9M × 1	D9M × 1	D9M × 2
RS 232 INTERFACE	D9F × 1	D9F × 1	D9F × 1	D9F × 1
OPERATING DISTANCE	30 M	30 M	30 M	30 M
MAINS INPUT (AC)	230 V	230 V	230 V	230 V
DIMENSION				
• TABLE TOP (mm)	288×130×52	288×130×52	288×130×68	----
• RACK TYPE	----	----	----	2 U
WEIGHT	1400 g	1600 g	1800 g	2000 g
MODE OF OPERATION Manual/RS232C	Yes	Yes	Yes	Yes

OPERATION

◆ Local Keypad

Select the required channel from the front panel keypad.

◆ Remote contact closure/ remote keypad

Rear panel has a D9 male connector, operational at a distance of 50 meters. Milestone's remote keypad or any other remote contact closure can be connected at this connector.

The connector diagram for D9 male connector is as follows:

D-9 MALE-1 Pin No.	CHANNELS
1	CH1
2	CH2
:	:
:	:
8	CH8
9	GRD

D-9 MALE-2 Pin No.	CHANNELS
1	CH9
2	CH10
:	:
:	:
8	CH16
9	GRD

Note 1: To select any channel, short respective pin to ground i.e. pin no. 9 through contact switch or use Milestone's remote keypad.

Remote RS232 interface

D9 female connector from rear panel is used for selecting the switcher through RS232C Interface.

The pin configurations are

D-9 FEMALE	SIGNAL
3	Rx
5	GRD

The simple commands used for selecting the channels are

CHANNEL	DECIMAL	ASCII
CHANNEL1	1!	31, 21
CHANNEL 2	2!	32, 21
:	:	:
CHANNEL 9	9!	39, 21
CHANNEL10	a!	61,21
CHANNEL11	b!	62,21
:	:	:
CHANNEL16	g!	67,21

Communication parameters are 9600 baud, no parity, 8-bit and 1 stop bit.

Whenever any channel is selected there will be a feedback from the switcher on RS232 port i.e. when channel 1 is selected, switcher will send 1! on the serial port pin no. 2. Similarly 2! for channel 2 and so on.

---x---x---x---x---

